

REMARKS

Claims 1 – 7 are pending. Claims 8 – 10 have been cancelled. Claims 4, 6, and 7 have been allowed. Reconsideration of the rejection of claims 1 – 3 and 5 is respectfully requested in view of the following comments.

Rogers involves monitoring the state of charge of batteries. According to Rogers, a start battery is used to start a vehicle engine. Thereafter, the state of charge of the start battery is monitored. When the start battery is recharged the start battery is switched out of the charging system in a fully charged state. When the start battery is switched out, the run battery discharges to operate the vehicle load. During this discharge the absence of the alternator counter torque results in improved fuel economy. (See column 3, lines 37 – 51).

Rogers also explains when the vehicle is decelerating, the alternator is driven by the momentum of the vehicle, thus during deceleration, some of the energy can be converted by the alternator to energy which is stored in the run battery. (See column 5, lines 46 – 68).

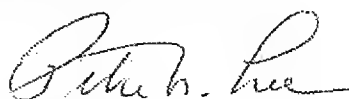
Rogers (US 5,397,991) does not describe or suggest determining at least one current value of a generator mechanical power input upon energization of an electrical consumer in a motor vehicle as provided in the claimed invention. Thus, the rejection of claims 1 – 3 and 5 should be withdrawn.

The Director is hereby authorized to charge any deficiency in fees filed, asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account 14-1437. Please credit any excess fees to such account.

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Respectfully submitted,



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